

TOP-PUMPED OPTICAL DEVICE

Abstract

5 Disclosed is an optical device with enhanced pumping efficiency where light from a pumping light source is efficiently absorbed in a gain medium structure placed under the pumping light. The major characteristic of the optical device of the present invention is that it is top-pumped and a portion in the gain medium structure, which is included in a beam spot of the light source, has a larger area than other portions in the gain medium structure.

10 According to the present invention, a top-pumped optical device with higher pumping efficiency can be provided.